GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA

UNSTARRED QUESTION NO:691
ANSWERED ON:07.02.2017
Water Contamination by Urea
Patel Shri Devji Mansingram

Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

(a) whether large scale use of spurious urea in the country including Rajasthan is contaminating the water thereby causing various ailments and if so, the details thereof; and
(b) the steps taken by the Government to check water contamination by urea?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI ANIL MADHAV DAVE)

(a)&(b) As per information received from Indian Council of Agricultural Research (ICAR), there is no harmful effect of chemical fertilisers with recommended doses and judicious use. However, there is possibility of Nitrate contamination in ground water due to excessive use of nitrogenous fertiliser including urea particularly in light textured soils with consequence on human/ animal health if used for drinking purpose. Measures recommended for addressing water contamination by nitrogenous fertiliser including urea include soil test based balanced and integrated nutrient management practices, split application and placement of nitrogenous fertiliser, use of slow releasing nitrogenous fertiliser and nitrification inhibitors etc.

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